



# MIAMI BEACH

145-2012

## LETTER TO COMMISSION

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: Jorge M. Gonzalez, City Manager *Jorge*

DATE: May 25, 2012

SUBJECT: **FDOT PORT OF MIAMI TUNNEL PROJECT UPDATE**

The purpose of this Letter to Commission is to provide an update on the Florida Department of Transportation (FDOT) District Six Port of Miami Tunnel Project. The Port of Miami Tunnel structure connects eastbound MacArthur Causeway to the Port of Miami (Attachment A).

Following the start of tunnel boring in October 2011, the construction of the Port of Miami Tunnel has continued to progress according to schedule. Using the tunnel boring machinery, over 50% of the eastbound tunnel has been completed. The eastbound tunnel has advanced 2,392 linear feet and, currently, four-hundred and twenty-four (424) structural rings that make up the walls of the tunnel have been installed. The length to be accomplished before emerging on the Port of Miami is 4,200 linear feet, and this is anticipated to occur in August 2012. After the tunnel boring machine reaches the Port of Miami, it will take approximately three (3) months to disassemble and reassemble in order to begin boring the westbound tunnel.

According to the Public Information Officer for this project, the construction is following the published schedule (Attachment B) and is anticipated to be completed by May 2014.

Please feel free to contact me if you have any questions or concerns.

### Attachments

- A: Port of Miami Tunnel Project Overview Plan
- B: Port of Miami Tunnel Project Schedule

*JGG*  
JGG/FHB/JP/RMG/JFD

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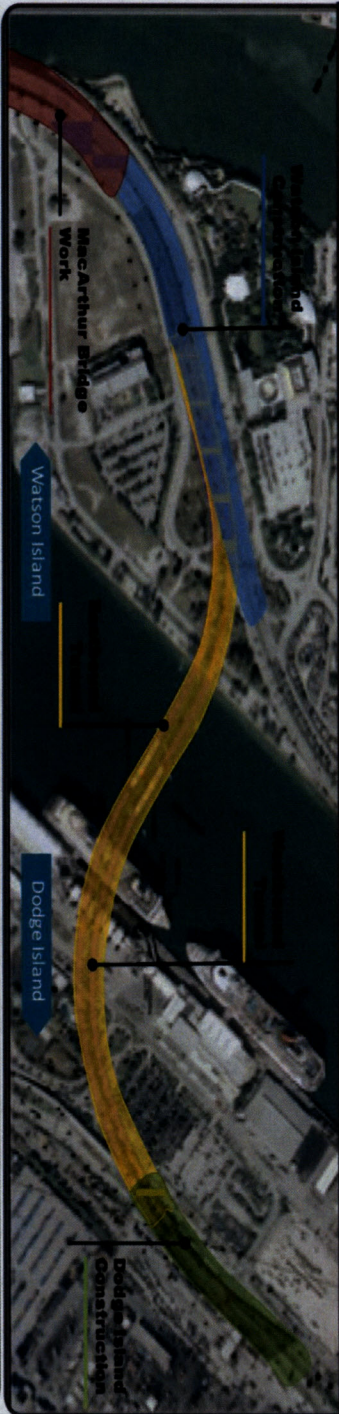
## Port of Miami Tunnel Project Overview Plan





# PORT OF MIAMI CONSTRUCTION SCHEDULE

PROJECT COMPONENTS



## LEGEND

- Watson Island Construction: Moving frontage road south and shifting eastbound and westbound lanes on MacArthur Causeway to make room in median for the tunnel dig-in site.
- MacArthur Bridge Work: Adding one more lane in each direction to add capacity for the tunnel traffic.
- Eastbound/Westbound Tunnel work: Mining using a 43 ft. Tunnel Boring Machine, construction of structures inside tunnel, build out of emergency exits, and mechanical and electrical installation.
- Dodge Island Construction: Removal of bridge separating inbound cruise traffic from outbound cargo traffic and creating new roadway network to make room for tunnel portal entrance and exit.

